

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56, applicant directs the Examiner's attention to the following items, which are listed on the Substitute PTO-1449 form attached hereto as **Exhibit A**. Items 1-6 are U.S. Patents or U.S. Patent Application Publications. As permitted by 37 C.F.R. §1.98(a)(2)(ii), no copies of these items are included herewith. Copies of references 7-20 are attached hereto as Exhibits 1-14, respectively.

1. U.S. Patent No. 7,078,499 B2, issued July 18, 2006, Odedra et al;
2. U.S. Patent No. 6,632,655, issued October 14, 2003, Mehta et al.
3. U.S. Patent No. 6,613,513, issued September 2, 2003, Parce et al.
4. U.S. Patent Application Publication No 2005-0170367 A1, Quake et al.
5. U.S. Patent Application Publication No 2006-0160081 A1, Milton et al., published July 20, 2006;
6. U.S. Patent Application Publication No 2007-0166705 A1, Milton et al., published July 19, 2007;
7. Green, T.W. and Wuts, P.G.M. Protective Groups in Organic Synthesis. 3rd ed. New York: John Wiley & Sons, Inc., 1999. 96-99, 190-191, 260-261, 542-543 and 750-751. (**Exhibit 1**);
8. Huang, B.G., Bobek, M. Synthesis and in vitro antitumor activity of some amino-deoxy 7-hexofuranosylpyrrolo[2,3-d]pyrimidines. Carbohydrate Research. 1998;308(3-4):319-28. (**Exhibit 2**);

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9. Azhayev, A. et al., "1-Alkylthioalkylation of Nucleoside Hydroxyl Functions and Its Synthetic Applications: A New Versatile Method in Nucleoside Chemistry. Tetrahedron Letters, 1991; 32(51), 7593-7596. (**Exhibit 3**);
10. Loubinoux, B., Tabbache, S., Gerardin, P. and Miazimbakana, J. Protection Des Phenols Par Le Groupement Azidomethylene Application A La Synthese De Phenols Instables. Tetrahedron, 1988; 44(19): 6055-6064. (**Exhibit 4**);
11. Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability issued December 24, 2008 in connection with International Application No. PCT/US07/13559 (**Exhibit 5**);
12. Notification Concerning Transmittal of Copy of the International Search Report and the Written Opinion of the International Search Authority, or the Declaration issued January 30, 2009 in connection with International Application No. PCT/US08/11913 (**Exhibit 6**);
13. Notification Concerning Transmittal of Copy of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration issued February 10, 2009 in connection with International Application No. PCT/US08/11891 (**Exhibit 7**);
14. Ju, J. et al. Four-color DNA sequencing by synthesis using cleavable fluorescent nucleotide reversible terminators. Proc Natl Acad Sci U S A. 2006 Dec 26;103(52):19635-40. Epub 2006 Dec 14. (**Exhibit 8**);
15. Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability issued March 19, 2009 in connection with International Application No. PCT/US06/024157(**Exhibit 9**);

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16. PCT International Application Publication No. WO 00/50642, published August 31, 2000 to Caliper Technologies Corp (**Exhibit 10**);
17. PCT International Application Publication No. WO 00/50172, published August 31, 2000 to Caliper Technologies Corp (**Exhibit 11**);
18. Notice of Allowance issued February 24, 2009 in connection with U.S. Serial No. 11/894,690 (**Exhibit 12**);
19. Notice of Allowance issued March 23, 2009 in connection with U.S. Serial No. 11/894,808 (**Exhibit 13**); and
20. Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability issued March 26, 2009 in connection with International Application No. PCT/US06/042739 (**Exhibit 14**).

The Examiner is respectfully requested to make these items of record in the present application by initialing and returning a copy of the enclosed Substitute Form PTO 1449.

This Supplemental Information Disclosure Statement is being submitted under 37 C.F.R. §1.97(c)(2). Accordingly, applicant encloses a check in the amount of ONE HUNDRED AND EIGHTY DOLLARS (\$180.00).

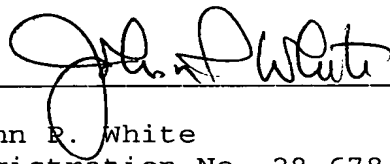
If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorney invites the Examiner to telephone at the number provided below.

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No fee, other than the enclosed \$180.00 fee for filing a Supplemental Information Disclosure Statement, is deemed necessary in connection with the filing of this Amendment and Supplemental Information Disclosure Statement. However, if any additional fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

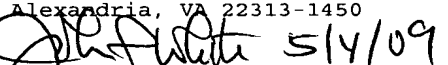
Respectfully submitted,



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I hereby certify that this correspondence is being deposited on this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

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 5/4/09
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